

Converting Colors

HunterLab(51.5842, -39.0992,
29.5566)

Have a look what the booklet for
HunterLab(51.5842, -39.0992,
29.5566) contains.

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Color

**HunterLab(51.4719,
-38.9224, 29.4613)**

Conversions

Conversions Part 1

Format	Color
Hex	3AA120
RGB	58, 161, 32
RGB Percent	23%, 63%, 13%
CMY	0.7725, 0.3686, 0.8745
CMYK	0.64, 0.00, 0.80, 0.37
HSL	108°, 67%, 38%
HSV	108°, 80%, 63%
XYZ	14.7505, 26.4936, 5.7028
YIQ	115.4970, -19.9790, -61.9550

Conversions

Conversions Part 2

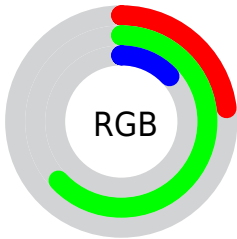
Format	Color
R_{YB}	32, 161, 135
Decimal	3842336
CIE _{Lab}	58.50, -52.44, 53.62
CIE _{LCh}	59, 75.001, 134.360
Y _{xy}	26.4947, 0.3142, 0.5643
Android (android.graphics.Color)	4282032416 (0xFF3AA120)
YUV	115.4970, -41.1640, -50.4249
Hunter-Lab	51.4719, -38.9224, 29.4613

Details

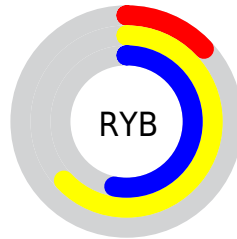
The HunterLab color **51.4719, -38.9224, 29.4613** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **29.5944, 50.4027, -48.4364**, and the grayscale version is **41.7571, -2.2281, 2.2687**.

A 20% lighter version of the original color is **73.6083, -46.2542, 37.1107**, and **32.7492, -28.0825, 19.6883** is the 20% darker color. If you saturate the color by 10%, you get **51.0775, -40.7159, 30.1962**, and if you desaturate by 10%, it is **51.9993, -36.5243, 28.2008**.

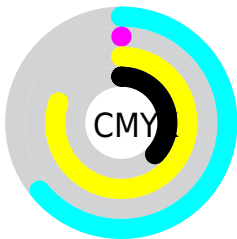
Distribution



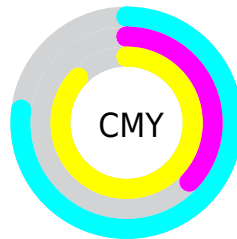
- Red (23%)
- Green (63%)
- Blue (13%)



- Red (13%)
- Yellow (63%)
- Blue (53%)



- Cyan (64%)
- Magenta (0%)
- Yellow (80%)
- Black (37%)



- Cyan (77%)
- Magenta (37%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.4719, -38.9224, 29.4613 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 51.4719, -38.9224, 29.4613 by changing the saturation by 10% instead.

■ 51.4719, -38.9224,
29.4613

■ 51.4719, -38.9224,
29.4613

168.8793,
-68.0018, 60.0742

■ 41.4657, -34.9842,
25.3088

■ 73.5336, -46.1714,
37.1383

■ 32.2071, -30.7503,
20.9023

■ 85.5087, -49.5630,
40.7271

■ 23.7633, -26.1176,
16.6343

■ 98.0713, -52.8368,
44.1838

■ 16.2222, -21.0506,
11.3556

■ 111.1952,
-56.0126, 47.5285

■ 9.7087, -16.9902,
6.7961

■ 124.8574,
-59.1058, 50.7776

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.0373,

-62.1287, 53.9445

0.0000, NaN, NaN

153.7167,
-65.0913, 57.0402

0.0000, NaN, NaN

■ 51.4719, -38.9224,
29.4613

■ 51.4719, -38.9224,
29.4613

■ 51.0775, -40.7159,
30.1962

■ 51.9993, -36.5243,
28.2008

■ 50.7987, -41.9701,
30.5672

■ 52.6639, -33.5008,
26.3693

■ 53.4717, -29.8539,
23.9452

■ 54.4252, -25.6008,
20.9256

■ 55.5248, -20.7722,
17.3232

■ 56.7693, -15.4081,
13.1628

■ 58.1560, -9.5553,
8.4781

■ 59.6812, -3.2642,
3.3091

■ 61.3401, 3.4142,
-2.3012

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.4730, -17.0622, 33.3077



51.4719, -38.9224, 29.4613



51.4730, -49.4120, 16.1529

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.4730, -38.9232, 29.4615



51.4730, -18.2277, -90.6678



51.4730, 70.9473, 15.2479

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



51.4719, -38.9224, 29.4613



29.5944, 50.4027, -48.4364

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



51.4730, 70.4160, -15.4891



51.4719, -38.9224, 29.4613



51.4730, 13.3217, -91.4909

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.4730, -38.9232, 29.4615



51.4730, -39.5968, -56.7656



51.4730, 47.3954, -58.6008



51.4730, 48.7074, 29.1445

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



51.4719, -38.9224, 29.4613



51.4730, -50.6537, -1.8224



51.4730, 47.3954, -58.6008



51.4730, 73.5698, 7.0332

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



51.4730, -38.9232, 29.4615



75.2253, -23.8114, 20.1142



49.4686, -2.2999, 28.8038



34.9708, -12.2657, 10.2811



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.4730, -38.9232, 29.4615



68.0564, -55.8138, 40.7497



51.2076, -39.4118, 24.4286



28.2145, -4.3766, 3.9019



45.4130, -37.4394, 27.3278



6.7155, -4.8702, 4.0528

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



29.5944, 50.4027, -48.4364



36.3129, 73.5924, -74.9320



31.7450, 50.6189, -15.4490



26.7017, 1.5637, -1.0677



24.0256, 49.6983, -50.7824



3.7226, 7.5351, -6.5865

Previews

White Background



This preview shows how the HunterLab color 51.4719, -38.9224, 29.4613 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 51.4719, -38.9224, 29.4613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 51.4719, -38.9224, 29.4613 Background



This preview shows how black text looks on a background with the HunterLab color 51.4719, -38.9224, 29.4613.



This preview shows how white text looks on a background with the HunterLab color 51.4719,

-38.9224, 29.4613.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

51.4719, -38.9224, 29.4613

Protanopia

50.9935, -7.0463, 30.0930

Deuteranopia

51.0747, 3.4428, 28.5318



Tritanopia

51.3807, -16.0378, -8.0645

Trichromacy



Original Color

51.4719, -38.9224, 29.4613



Protanomaly

50.3324, -21.7747, 29.2641



Deuteranomaly

49.7097, -16.1143, 27.8467



Tritanomaly

50.8778, -27.1808, 11.9734

Monochromacy



Original Color

51.4719, -38.9224, 29.4613



Achromatopsia

41.4054, -2.2093, 2.2496



Achromatomaly

44.2019, -18.7697, 15.3805

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.4719, -38.9224, 29.4613 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(58, 161, 32)` looks like.

```
.text, #text, p{  
    color:rgb(58, 161, 32)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(58, 161, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 161, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 51.4719, -38.9224, 29.4613 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(58, 161, 32) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(58, 161, 32) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(58, 161, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 161, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 161, 32);  
box-shadow:4px 4px 4px 4px rgb(58, 161,  
32) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.4719, -38.9224, 29.4613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 161, 32) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(58, 161,  
32) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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